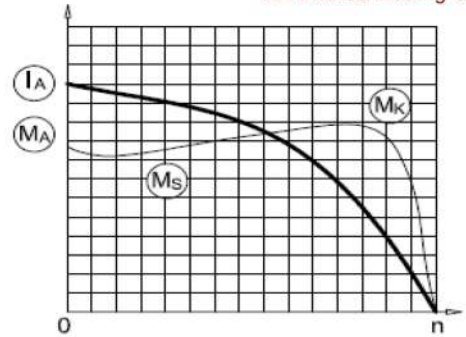


AGM132 M 6a



3-Phase 400 V (Δ) 50 Hz

- Duty Type : S1
- Degree of protection : IP 55 (TEFC)
- Insulation class : F (155 °C)
- Temp rise : Class B (80K)
- Mounting Design : B3



ELECTRICAL DESIGN

Direct On Line

- Rated output (kW) : 4
- Speed (rpm) : 960
- Rated current (A) : 9
- Torque – Mn (Nm) : 39.8
- Cos φ : 0.76
- Efficiency % : 84.6 (4/4), 84.5 (3/4), 81.6 (1/2)
- Moment of inertia J (kgm)² : 0.037

- Locked rotor Current – Ia (A) : 45
- Ia / In : 5.0
- Locked rotor Torque – Ma (Nm) : 88
- Ma / Mn : 2.2

Y / Δ Starting

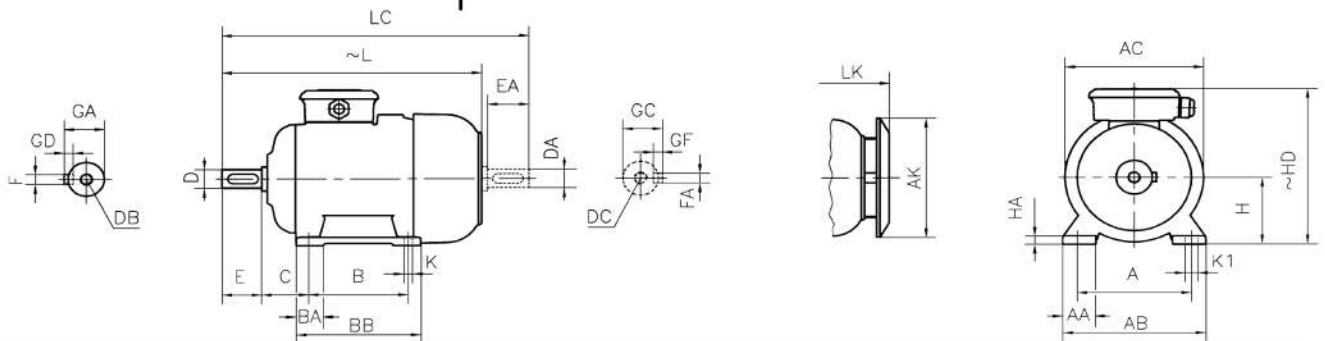
- Locked rotor Current – Ia (A) : 14
- Ia / In : 1.6
- Locked rotor Torque – Ma (Nm) : 28
- Ma / Mn : 0.7
- Breakdown Torque – Mk (Nm) : 103
- Mk / Mn : 2.6

MECHANICAL DESIGN

- Frame : Aluminium
- End shields : Aluminium
- Cooling fan : Plastic
- Terminal box : Plastic
- Cable gland : Pg 21
- No of cable glands : 2

Bearing Arrangement

| | Drive End | Non Drive End |
|-------------------------|------------------|---------------|
| Standard design | 6208 ZZ | 6208 ZZ |
| Reinforced design | NU 208 E | 6028 C3 |
| Noise Level (dB-A) | : 61 | |
| Paint | : RAL 7031- Grey | |
| Approximate weight (kg) | : 49 | |



DIMENSIONS

Dimensions of foot mounted motors for mounting arrangement : B3, B6, B7, B8, B15, V5, V6

| H | HD | HA | A | AA | AB | ØAC | ØAK | K | K1 | B | B' | BA | BA' | BB | L | LC | LK | C | E | DB | ØD | GA | FxGD |
|-----|-----|----|-----|----|-----|-----|-----|----|----|-----|----|----|-----|-----|-----|-----|-----|----|----|-----|----|-------|------|
| ~ | ~ | | | | | | | | | | | | | | | | | EA | DC | ØDA | GC | FAXGF | |
| 132 | 300 | 15 | 216 | 49 | 260 | 257 | 239 | 12 | 18 | 178 | - | 46 | - | 218 | 498 | 584 | 535 | 89 | 80 | M12 | 38 | 41 | 10X8 |

* Efficiencies are calculated according to indirect method where the additional load losses are determined from exact measurements at different load points.